

Mecklenburg County Health Department

Spa Construction Checklist

Spa Plan Review Items

- ☐ Building and Electrical tied to pool project must pass final inspection before a final will be scheduled.
- ☐ Provide a final stamped set of plans/drawings for review during final.
- ☐ Provide engineer/architect letter. Any changes to approved plans must be noted on letter.
- ☐ Provide address verification form. Form can be found on the Code Enforcement website at charmec.org or click [here](#).
- ☐ Provide an accurate Pool Drain Safety Compliance form. Form can be found on our website at meckpools.charmec.org. Water circulated jets will require a separate form.

Spa Structure Items

- ☐ *Skimmers* – NSF listed. All weirs in place and covers/baskets in good repair. Suction to pump will be verified in skimmers.
- ☐ *Inlets and Fittings* – Must be in good repair and in place. Meets required amount per plans. Returns must be operable.
- ☐ *Spa Steps* – Maximum of 12” rise. Shall be within 1” of uniform step except for bottom step. Allowed to vary plus or minus 2”.
- ☐ *Contrasting Color Bands* – 2” wide contrasting color band to edge of step or tile no greater than 1” from step edge, adjacent edge and pool walls.
- ☐ *Underwater Benches* – Installed in water no greater than 4’ deep. Max seat depth of 2’ from water surface and no more than 18” from wall.
- ☐ *Handrails* – Equipped with at least one handrail in good repair.
- ☐ *Pool Depth* – Maximum of 4’ depth.
- ☐ *Suction Outlets* – Drain and equalizer line covers must be approved covers. Must be able to handle max flow from the pump. No protrusions greater than 2” from pool wall.

Spa Premises and Safety

- ☐ *Emergency Phone* – Provide a designated line. Must connect to 911. 911 must have the correct location information and phone number for the pool. A sign with dialing instructions and pool information detailing the pool address and phone number must be posted at the pool phone.
- ☐ *Signage* – Exact wording required with ½” lettering.
 - ☐ CAUTION:
 - Pregnant women; elderly persons and persons suffering from heart disease, diabetes, or high or low blood pressure should not enter the spa/hot tub without prior medical consultation and permission from their doctor;
 - Do not use the spa/hot tub while under the influence of alcohol, tranquilizers, or other drugs that cause drowsiness or that raise or lower blood pressure;
 - Do not use alone;
 - Unsupervised use by children is prohibited;
 - Enter and exit slowly;
 - Observe reasonable time limits (that is, 10-15 minutes), then leave the water and cool down before returning for another brief stay;
 - Long exposure may result in nausea, dizziness, or fainting;
 - Keep all breakable objects out of the area.
 - ☐ A sign shall be posted requiring a shower for each user prior to entering the spa or hot tub and prohibiting oils, body lotion, and minerals in the water.

- ☐ *Deck* – No protrusions greater than ½”.
 - ☐ Over the rim fill spouts - No greater than 6” from handrails.
 - ☐ Continuous deck at least halfway around the spa. Walkway shall provide a minimum of 4’ clear walking space.
- ☐ *Lighting* – For Night Swimming, provide 10 foot candles on spa deck and within spa at all times.

Equipment Room

- ☐ *Chemical Feeders* – NSF listed and in good working order.
- ☐ *Pump* – NSF listed. Sized properly for applicable turnover and according to plan.
- ☐ *Filter* – Installed according to what is on the plans. Pressure gauge must show pressure reading.
- ☐ *Flow Meter* – Installed according to manufacturer instructions. Must be operating properly and be capable of measuring at least 1 ½ times the design flow rate. Flow reading must meet the required flow for the recirculation system. Verified onsite after filter is backwashed.
- ☐ *Fill Line* – Installed after check valve. Check valve must meet rule .2512 in accordance with ANSI/ASSE. Autofill operational.
- ☐ Floor sloped to drain. ¼” per foot toward drains.
- ☐ Provide 3’ clear walking space around equipment and minimum of 7’ ceiling height around equipment.
- ☐ Continuous ventilation separate from lighting or cross ventilation.
- ☐ Hose bib present.

Chemical Storage Room

- ☐ 7’ ceiling height.
- ☐ Storage space must meet minimum requirements per plan.
- ☐ Continuous ventilation separate from lighting or cross ventilation.
- ☐ Provide lighting.
- ☐ Shelving provided for dry storage (i.e. pallet, shelves, etc.).

Dressing and Sanitary Facilities

- ☐ Toilets and lavatories installed per approved plans.
- ☐ Mirrors shatterproof.
- ☐ Hose bib present.
- ☐ Floor drain present.
- ☐ Shower installed and operational.

Please Note:

This list is generalized and may not cover all variations specific to your facility. If you have any questions prior to your inspection, please consult your rule book or an inspector. The rule book, this form and other information pertaining to pools may be found at: <http://meckpools.charmeck.org>.